

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference EL/2-23093/C	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2005/050670	International filing date (day/month/year) 16/02/2005	(Earliest) Priority Date (day/month/year) 23/02/2004
Applicant CIBA SPECIALTY CHEMICALS HOLDING INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

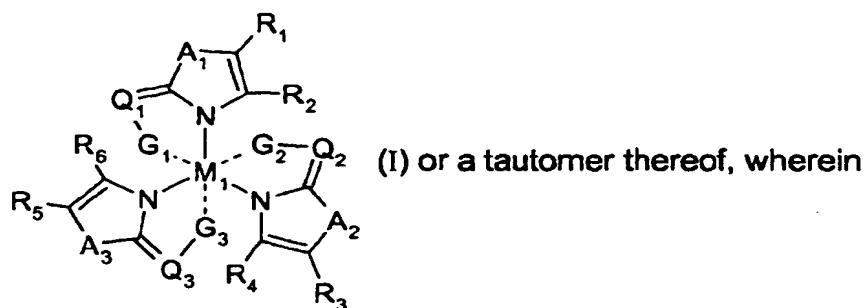
☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

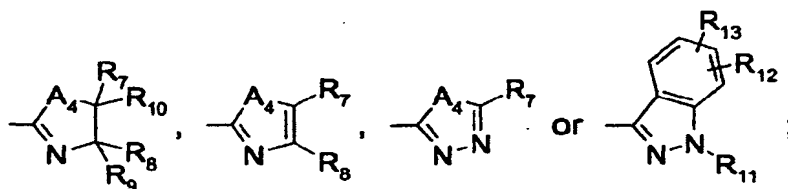
- b. ☐ none of the figures is to be published with the abstract.

Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The invention relates to an optical recording medium comprising a substrate, a reflecting layer and a recording layer comprising a compound of formula



G₁, G₂ and G₃ are each independently of the other



A₁, A₂ and A₃ are each independently of the other N(R₁₄), O, S or Se and A₄ is C(C₁-C₅alkyl)₂, C(C₄-C₅alkylene), N(R₁₄), O, S, Se, N=C(R₁₅) or CH=C(R₁₆);

M₁ is an at least trivalent metal of groups 3 to 15; most preferred Co(III) or Cr(III);

Q₁, Q₂ and Q₃ are each independently of the other C(R₁₇), N or P. Recording and playback are effected especially at a wavelength of from 350 to 500 nm, for example using a blue laser.

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☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/050670

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G11B7/24 C09B57/10 C09B55/00 C07D277/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G11B C09B C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/082438 A (CIBA SPECIALTY CHEMICALS HOLDING INC; LEHMANN, URS; BUDRY, JEAN-LUC; S) 17 October 2002 (2002-10-17) cited in the application claim 1	1-4, 12
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 09, 30 July 1999 (1999-07-30) & JP 11 092479 A (MITSUI CHEM INC; YAMAMOTO CHEM INC), 6 April 1999 (1999-04-06) cited in the application abstract	1-4, 12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

27 May 2005

Date of mailing of the international search report

27/06/2005

Name and mailing address of the ISA

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Authorized officer

Stabel, A

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05, 31 May 1999 (1999-05-31) & JP 11 034500 A (TDK CORP; DAINICHISEIKA COLOR & CHEM MFG CO LTD), 9 February 1999 (1999-02-09) cited in the application abstract	1-4, 12
A	----- ALESSANDRO ABBOTTO, SILVIA BRADAMANTE, ANTONIO FACCHETTI, AND GIORGIO A. PAGANI: "Metal Chelation Aptitudes of Bis(o-azaheteroaryl)methanes As Tuned by Heterocycle Charge Demands" J. ORG. CHEM, vol. 67, 2002, pages 5753-5772, XP002329733 cited in the application abstract; compounds 7-11 -----	10, 11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2005/050670

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02082438	A	17-10-2002	WO 02082438 A2	17-10-2002
			EP 1384228 A2	28-01-2004
			JP 2004532141 T	21-10-2004
			TW 585890 B	01-05-2004
			US 2004096775 A1	20-05-2004
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JP 11092479	A	06-04-1999	NONE	
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JP 11034500	A	09-02-1999	JP 3328169 B2	24-09-2002
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